

**Program Standards and Matrix
INITIAL PROGRAMS IN MIDDLE EDUCATION**

ND ESPB Standards	
<p>50017.1 Young Adolescent Development The program requires study of the major concepts, principles, theories, and research related to young adolescent development (including intellectual, physical, psychological, and social characteristics), and provides opportunities that support student development and learning. The program uses a variety of performance assessments of candidates' understanding and ability to apply that knowledge.</p> <p>50017. 2 Middle Level Philosophy and School Organization The program requires study of the philosophical foundations, curriculum, and organizational structures characteristic of developmentally responsive middle level programs and schools. The program uses a variety of performance assessments of candidates' understanding and ability to apply that knowledge.</p> <p>50017. 3 Middle Level Curriculum The program requires study of the major concepts, principles, theories, standards, and research related to the design and execution of middle level curriculum, and they use this knowledge in their practice. The program uses a variety of performance assessments of candidates' understanding and ability to apply that knowledge.</p>	

50017. 4 Middle Level Teaching Fields

The program requires study of the central concepts, tools of inquiry, standards, and structures of content in chosen teaching field(s), and how to use them to create meaningful learning experiences that develop all young adolescents' competence in subject matter and skills. The program uses a variety of performance assessments of candidates' understanding and ability to apply that knowledge.

- A. English: refer to English for additional information.
A1. Content knowledge to include grammar, developmental reading, speech, writing, literature, and methods.
- B. Math: refer to Mathematics Education for additional information.
B1. Content knowledge to include college algebra, geometry, statistics, computer/educational technology, and methods.
- C. Science: refer to Science for additional information.
C1. Content knowledge to include earth, life, chemistry, and physics, required labs, and methods.
- D. Social Studies: refer to Social Studies for additional information.
D1. Content knowledge to include history (ND history, world history, US history to 1877); geography (ND/North American geography, world/regional geography); and methods.

50017. 5 Middle Level Instruction

The program requires study of the major concepts, principles, theories, and research related to effective instruction, positive learning environment, and how to employ a variety of strategies (including integrating the curricular offerings at the middle level, adapting curriculum and instruction to individual learning needs, fostering active learning, teaching problem solving, reading and communication skills) for a developmentally appropriate climate to meet the varying abilities and learning styles of all young adolescents. The program uses a variety of performance assessments of candidates' understanding and ability to apply that knowledge.

50017. 6 Middle Level Assessment

The program requires study of formal and informal assessment strategies to evaluate learning and teaching to ensure the continuous intellectual, psychological, social, and physical development of all young adolescents, and how use that knowledge in middle level practice. The program uses a variety of performance assessments of candidates' understanding and ability to apply that knowledge.

50017. 7 Family and Community Involvement

The program requires study of major concepts, principles, theories, and research related to working collaboratively with other teachers, staff members, resource persons, family and community members, and how to use that knowledge to maximize the learning of all young adolescents. The program uses a variety of performance assessments of candidates' understanding and ability to apply that knowledge.

50017. 8 Middle Level Professional Roles

The program requires examination of the complexity of teaching young adolescents, and engagement in practices and behaviors that develop candidates' professional competence. The program uses a variety of performance assessments of candidates' understanding and ability to apply that knowledge.

50017. 9 Incorporation of Technology

The program requires the study of current, appropriate instructional technologies. The program uses varied assessments of candidates' understanding and abilities to apply that knowledge.